

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
 Data File : BM028550.D
 Acq On : 26 Jan 2021 20:46
 Operator : CG/JU
 Sample : M1220-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP1-C

Quant Time: Jan 27 03:26:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 03:11:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	31911	20.00	ng	0.00
21) Naphthalene-d8	10.804	136	125179	20.00	ng	# 0.00
39) Acenaphthene-d10	14.633	164	66624	20.00	ng	0.00
64) Phenanthrene-d10	17.362	188	128136	20.00	ng	# 0.00
76) Chrysene-d12	21.492	240	120061	20.00	ng	# 0.00
86) Perylene-d12	23.762	264	122740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	152532	75.51	ng	0.00
7) Phenol-d6	7.146	99	198057	72.01	ng	0.00
23) Nitrobenzene-d5	9.163	82	125283	47.47	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	62132	70.39	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	266582	50.20	ng	0.00
79) Terphenyl-d14	19.951	244	297046	44.68	ng	0.00

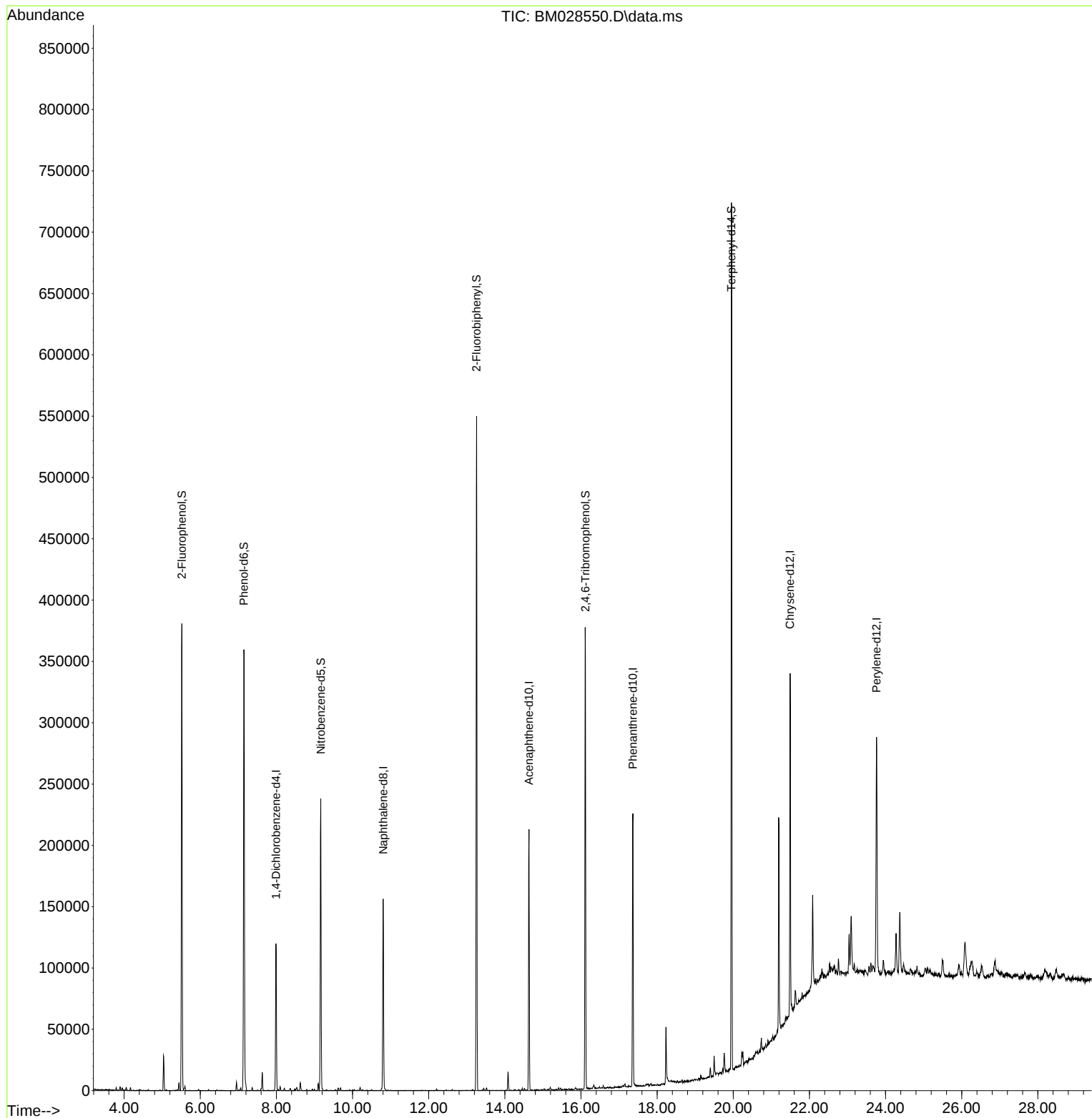
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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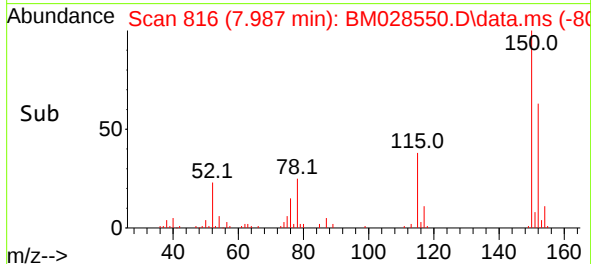
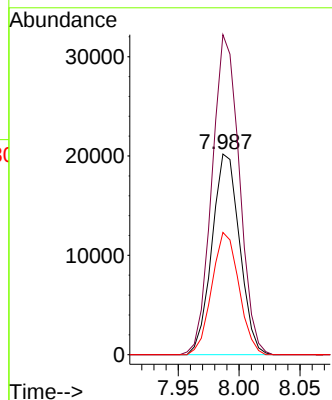
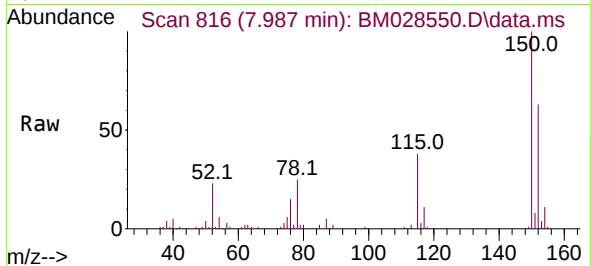




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

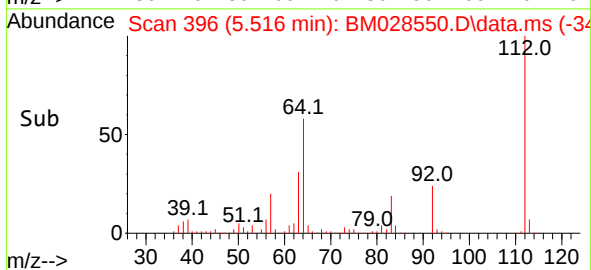
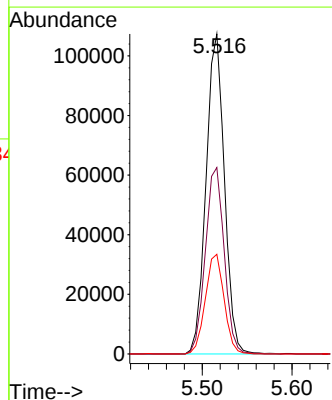
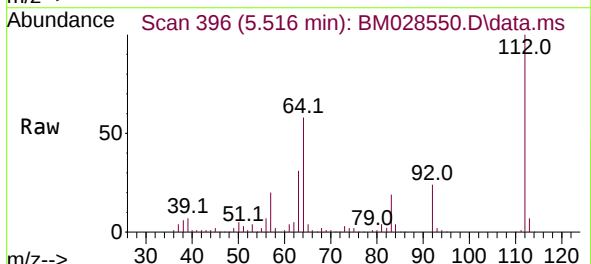
Instrument :
BNA_M
ClientSampleId :
SP1-C

Tgt Ion:152 Resp: 31911
Ion Ratio Lower Upper
152 100
150 159.5 120.6 181.0
115 60.9 47.2 70.8



#5
2-Fluorophenol
Concen: 75.51 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.006 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

Tgt Ion:112 Resp: 152532
Ion Ratio Lower Upper
112 100
64 58.2 50.6 76.0
63 31.1 31.0 46.6

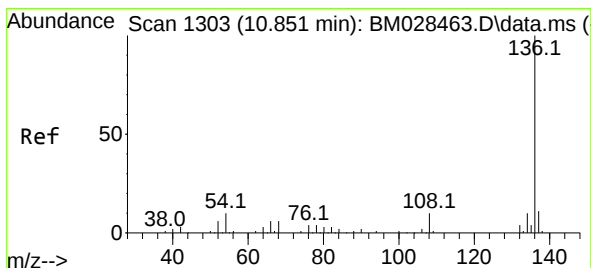
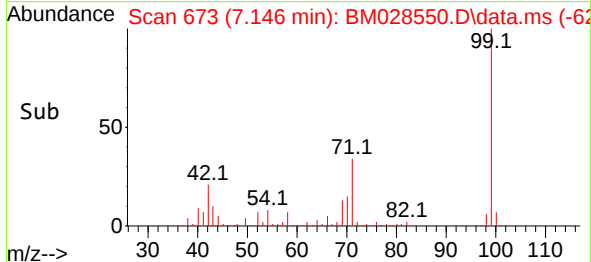
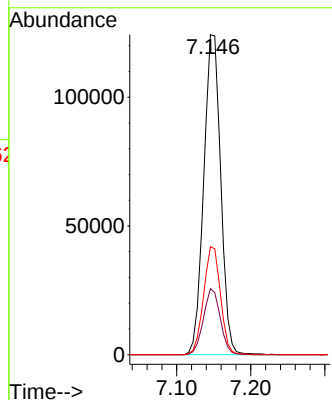
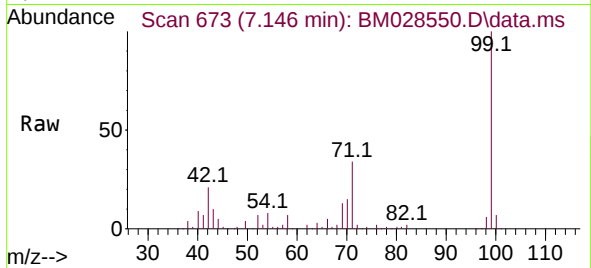




#7
Phenol-d6
Concen: 72.01 ng
RT: 7.146 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

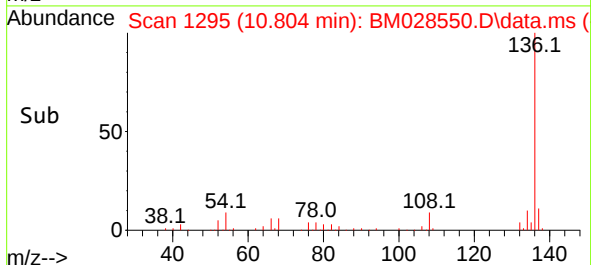
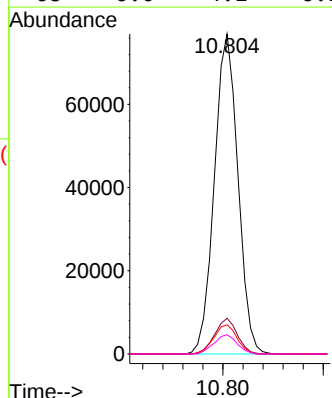
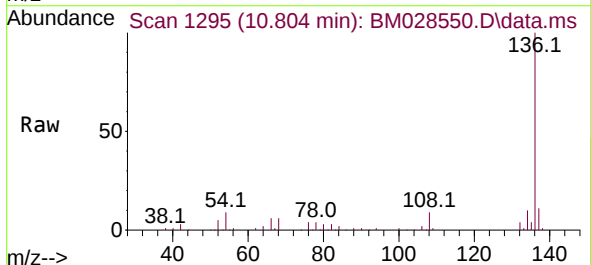
Instrument :
BNA_M
ClientSampleId :
SP1-C

Tgt Ion: 99 Resp: 198057
Ion Ratio Lower Upper
99 100
42 20.7 13.5 20.3#
71 33.7 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.804 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

Tgt Ion: 136 Resp: 125179
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.1 4.6 7.0#
68 6.0 4.1 6.1

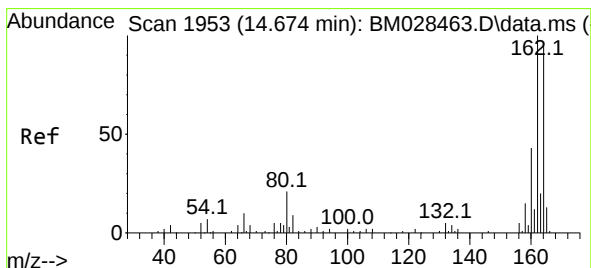
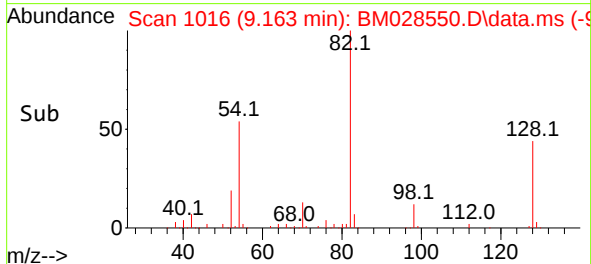
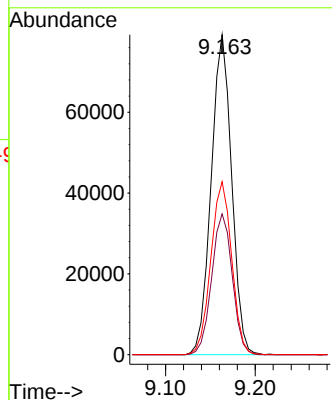
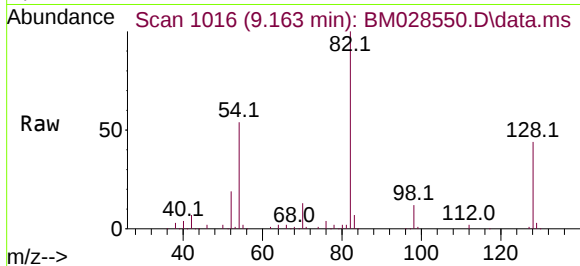




#23
Nitrobenzene-d5
Concen: 47.47 ng
RT: 9.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

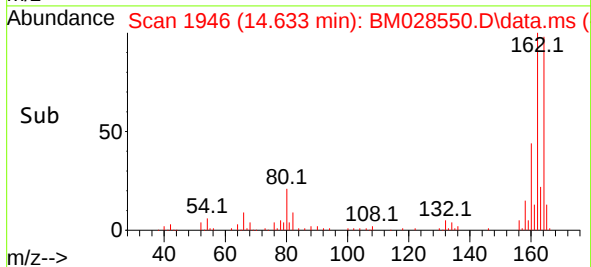
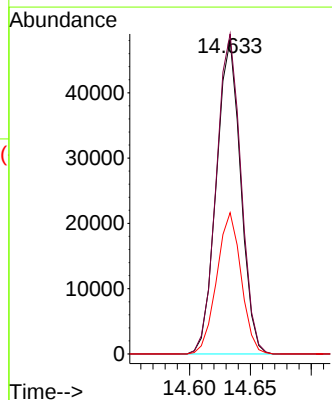
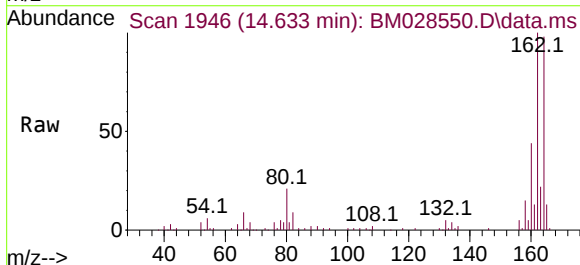
Instrument :
BNA_M
ClientSampleId :
SP1-C

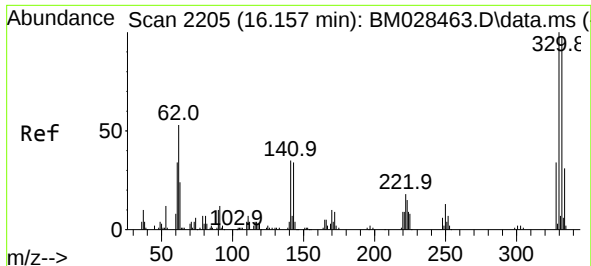
Tgt Ion: 82 Resp: 125283
Ion Ratio Lower Upper
82 100
128 44.0 27.4 41.0#
54 54.1 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

Tgt Ion:164 Resp: 66624
Ion Ratio Lower Upper
164 100
162 101.9 80.4 120.6
160 45.0 35.9 53.9

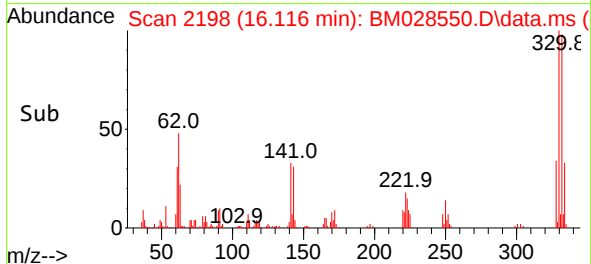
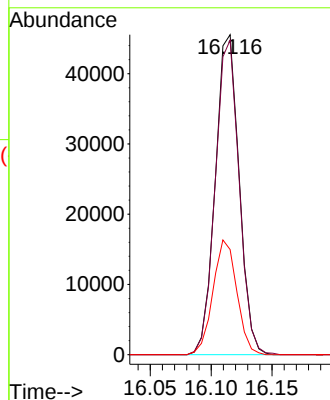
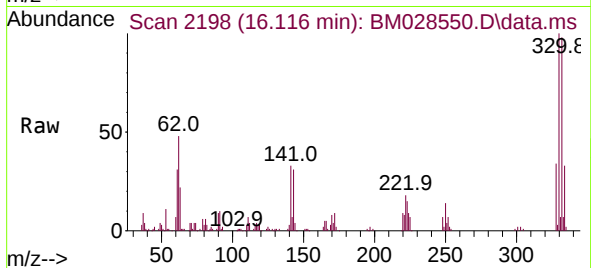




#42
2,4,6-Tribromophenol
Concen: 70.39 ng
RT: 16.116 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

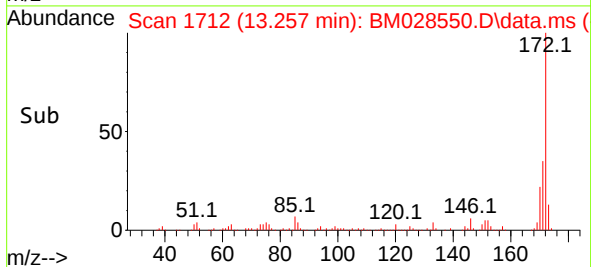
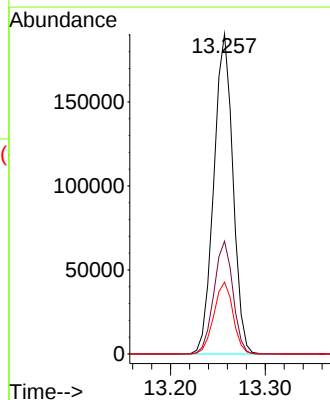
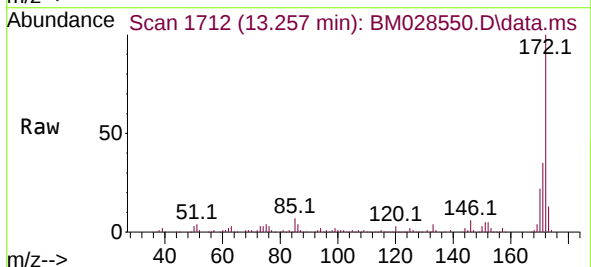
Instrument :
BNA_M
ClientSampleId :
SP1-C

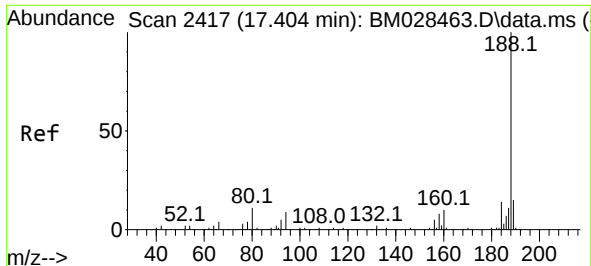
Tgt Ion:330 Resp: 62132
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 35.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 50.20 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

Tgt Ion:172 Resp: 266582
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 22.5 18.6 27.8

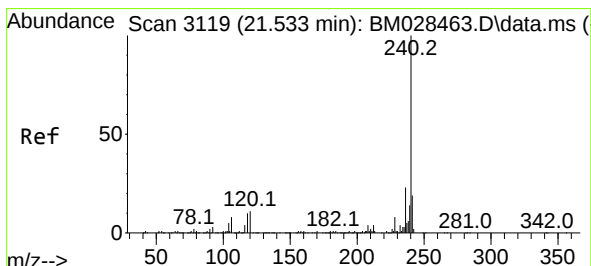
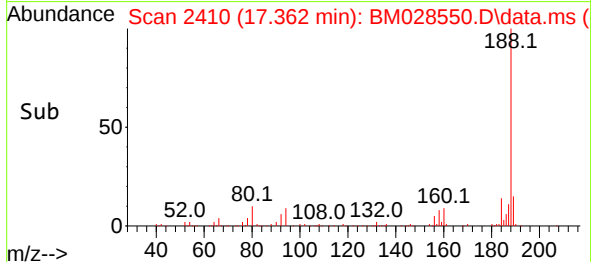
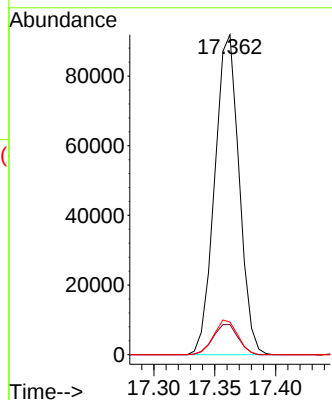
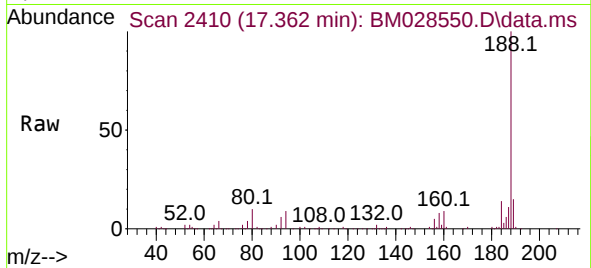




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.362 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

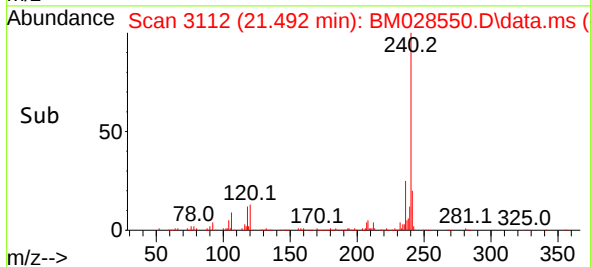
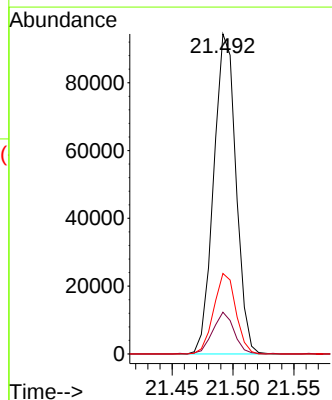
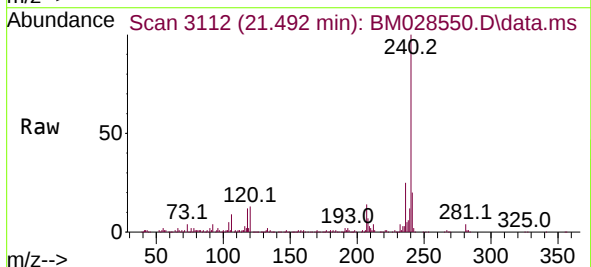
Instrument :
BNA_M
ClientSampleId :
SP1-C

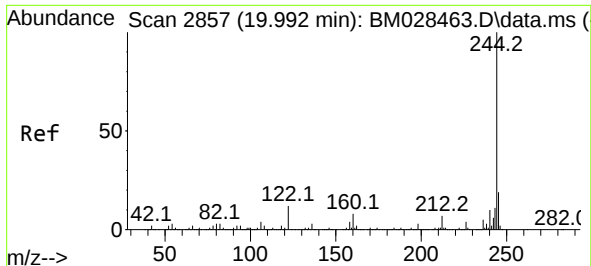
Tgt Ion:188 Resp: 128136
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.4#
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

Tgt Ion:240 Resp: 120061
Ion Ratio Lower Upper
240 100
120 13.1 6.4 9.6#
236 25.1 20.1 30.1

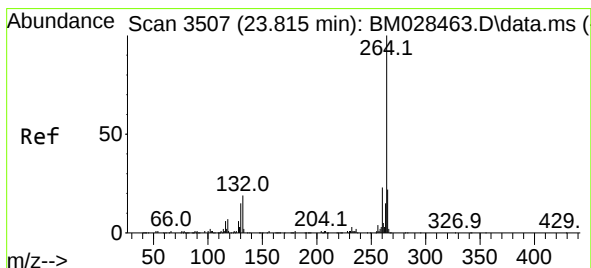
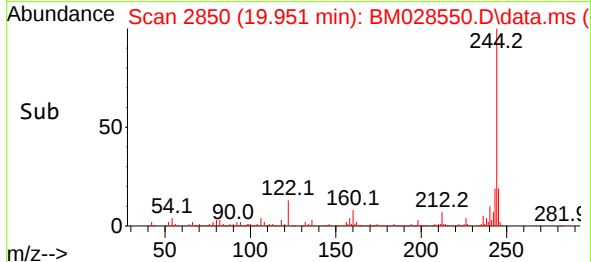
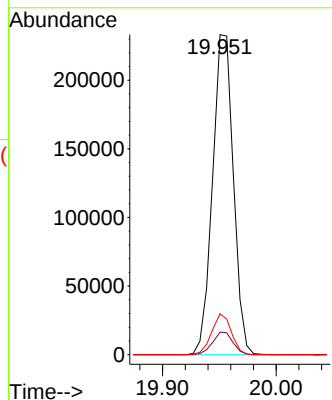
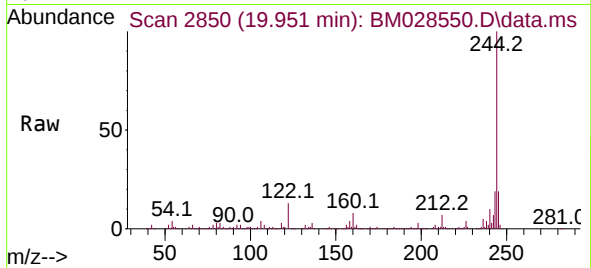




#79
Terphenyl-d14
Concen: 44.68 ng
RT: 19.951 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

Instrument :
BNA_M
ClientSampled :
SP1-C

Tgt Ion:244 Resp: 297046
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.8 6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.762 min Scan# 3498
Delta R.T. -0.000 min
Lab File: BM028550.D
Acq: 26 Jan 2021 20:46

Tgt Ion:264 Resp: 122740
Ion Ratio Lower Upper
264 100
260 22.1 19.0 28.4
265 21.6 17.7 26.5

